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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Sheet | 1 | of | 3 |

**Complete if Known**

| Application Number | 09/805,626 |
| Filing Date | Mar 13, 2001 |
| First Named Inventor | Zhang |
| Group Art Unit | 2171 |
| Examiner Name | THAI, HANH B |
| Attorney Docket Number | MS1-725US |

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No.[1] | U.S. Patent Document Number | Kind Code[2] (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---|---|---|---|---|---|---|
| HT | | 6,510,406 | | Marchisio | 01/21/2003 | |
| | | 6,282,549 | | Hoffert et al. | 08/28/2001 | |
| | | 6,347,313 | | Ma et al. | 02/12/2002 | |
| | | 5,873,056 | | Liddy et al. | 02/16/1999 | |
| | | 5,889,506 | | Lopresti et al. | 03/30/1999 | |
| | | 5,619,709 | | Caid et al. | 04/08/1997 | |
| | | 6,134,532 | | Lazarus et al. | 10/17/2000 | |
| | | 5,855,015 | | Shoham | 12/29/1998 | |
| | | 6,189,002 | | Roitblat | 02/13/2001 | |
| | | 6,038,560 | | Wical | 03/14/2000 | |
| | | 6,304,864 | | Liddy et al. | 10/16/2001 | |
| | | 6,094,652 | | Faisal | 07/25/2000 | |
| | | 6,311,194 | | Sheth et al. | 10/30/2001 | |
| | | 5,987,457 | | Ballard | 11/16/1999 | |
| HT | | 6,175,829 | | Li et al. | 01/16/2001 | |
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## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No.[1] | Foreign Patent Document Office[3] | Number[4] | Kind Code[5] (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T[6] |
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| Examiner Signature | Hanh Thai | Date Considered | 11/26/03 |

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|---|---|
| Application Number | 09/805,626 |
| Filing Date | Mar 13, 2001 |
| First Named Inventor | Zhang |
| Group Art Unit | 2171 |
| Examiner Name | THAI, HANH |
| Attorney Docket Number | MS1-725US |

## NON PATENT LITERATURE DOCUMENTS

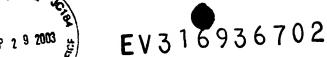| Examiner Initials* | Cite No.[1] | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T[2] |
|---|---|---|---|
| HT | | R. AGRAWAL, et al; "Fast Discovery of Association Rules, " in Advances in Knowledge Discovery and Data Mining, Fayyad UM, Piatetsky-Shapiro G, Smyth P & Uthurusamy R. (eds), AAAI Press, Menlo Park, California, (1994), pp. 307-328. | |
| HT | | J. ALLEN, "Natural Language Understanding, " University of Rochester, 1994, pp. 23-25. | |
| HT | | D. BIKEL, et al; "Nymble: A High-Performance Learning Name-Finder," Proc. of the Fifth Conference on Applied Natural Language Processing, Association for Computational Linguistics, 1997, pp. 194-201. | |
| HT | | M. FLICKNER et al; "Query by Image and Video Content: The QBIC System," IEEE Computer, September 1995, pp. 23-32. | |
| HT | | D. HARMAN, et al; "Inverted Files," Information Retrieval; Data Structures and Algorithms, Frakes WB and Baeza-Yates R (eds), 1992, Chapter 3, Prentice Hall, NY. | |
| HT | | E. HORVITZ et al; "The Lumiere Project: Bayesian User Modeling for Inferring the Goals and Needs of Software Users,: Proc. of the 14th Conference on Uncertainty in Artifical Intelligence, 1998. | |
| HT | | T. JOACHIMS; "A Probabilistic Anaylsis of the Rocchio Algorithm with TFIDF for Text Categorization"; In Proc. of the Fourteenth International Conference on Machine Learning, Nashville, TN, July 1997, pp. 143-151. Morgan Kaufmann Publisher, San Francisco, CA. | |
| HT | | J-H KIM, et al; "A Rule-Based Named Entity Recognition System for Speech Input," In: Proc. of the Sixth International Conference on Spoken Language Processing, 2000, Vol. 1, pp. 528-531. | |
| HT | | N. KOSUGI et al; "Practical Query-By-Humming System" Proc. of the 8th ACM International Conference on Multimedia, 2000, pp. 333-342. | |
| HT | | Y. LU et al; "A Unified Framework for Semantics and Feature Based Relevance Feedback in Image Retrieval Systems, "; Proc. of the 8th ACM International Conference on Multimedia, 2000, pp. 31-38. | |
| HT | | TM MITCHELL, " Machine Learning, " 1997, pp. 176-183, McGraw-Hill | |

| Examiner Signature | Hanh Thai | Date Considered | 11/26/03 |
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| Attorney Docket Number | MS1-725US |

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## NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No.[1] | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T[2] |
|---|---|---|---|
| HT | | PORTER, M.F.; "An Algorithm for Suffix Stripping, " Program, Vol. 14, no. 3, pp. 130-137, July 1980. | |
| HT | | C.J. van RIJSBERGEN: "Information Retrieval," Butterworths, Department of Computing Science, University of Glasgow, 1979. | |
| HT | | SHEN, et al.; "Giving Meanings to WWW Images,"; Proc. of the 8th ACM International Conference on Multimedia, 2000, pp. 39-48. | |
| HT | | GONG, et al.; "An Image Database System with Content Capturing and Fast Image Indexing Abilities," Proceedings of IEEE International Conference on Multimedia Computing and Systems, 1994, pp. 131-130. | |
| HT | | A. ONO; "A Flexible Content-Based Image Retrieval System with Combined Scene Description Keywork,: Proceedings of IEEE International Conference on Multimedia Computing and Systems, 1996, pp. 201-208. | |
| HT | | ZHANG, et al; "A Scheme for Visual Feature based Image Indexing," To appear in SPIE Conference on Storage and Retrieval for Image and Video Databases, San Jose, CA FEb., 1995; ppl 1-12. | |
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| Examiner Signature | *Hauhthan* | Date Considered | 18/26/03 |
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